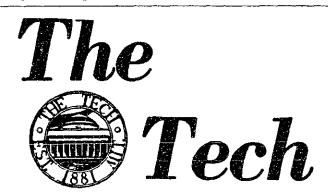
An MIT sophomore was arrested by a Federal marshall on November 22 for symbolically attempting to prevent the launching of a Polaris submarine. Donald P. Martin and nine other members of the "Committee for Nonviolent Action" went to New London, Connecticut, to protest the launching of the submarine Ethan Allan, the largest missile carrying submarine yet launched by the United States.

Eight of the group went out in dinghies to protest the launching. while Martin and one other member swam out into the Thames River and succeeded in boarding the submarine. Though their symbolic attempt at preventing the launching "had obviously failed" (the submarine was launched) the members do not feel that this detracted from the effectiveness of their demonstration. According to Martin, the main purpose of this protest was to gain publicity for and stir up national interest in their crusade for unilateral disarmament. The group had staged about ten previous demonstrations of launchings in the preceding months, and the previous policy of the Navy Department had been not to arrest the protesters. They were, however, according to Martin, "always ready to accept the consequences" and this time they did. The members, nine boys and one girl, were taken to court in New Haven and later imprisoned.

On Thanksgiving Eve several boys decided to stage a hunger strike in protest against the bail system. Martin stated that on Thursday, Thanksgiving Day, they went to the prison dining hall, but gave their food away to other prisoners. Later, they refused to go to the dining hall. Martin also staged a water strike and after seven days without food and five without water his poor physical condition resulted in his being taken to the Danbury Federal Institute and fed intravenously. Under parental urging he then accepted bail. Martin returned to MIT classes on December 2.

When asked about his future plans, Martin, a math major, stated that he "didn't know" as he might be in jail. He also stated that if put on probation or suspended sentence, he would "definitely not co-operate."



Cambridge, Mass., Friday, December 9, 1960

Two Out Of First Three

Cagers Win Again: Second In Row

The MIT basketball team increased its surprising season record to 2-1 as it defeated Northeastern 71-66 Wednesday night. The Techmen had previously upset highly-rated Trinity 63-59 Saturday night and lost in the opener to Bates 74-62.

The Trinity game was one of the most exciting seen on the home court in a long time. The driving and shooting of Chuck Gamble '62 and the rebounding of Dave Koch '62 gave the Engineers a 15-12 lead with about nine minutes gone in the first half. Gamble had nine of those points. However, thanks to the sharp outside shooting of Trinity's Bill Sculley, the visitors rattled off

five straight to go ahead 17-15. The lead changed back and forth until, with about five minutes remaining in the half, Koch, Tom Burns '62, and Jeff Paarz '63 got hot, and the air around the MIT basket was filled with scoring jump shots. The Engineers enjoyed a 32-27 lead at half-time.

The MIT momentum was conserved over half-time: this time it was Paarz driving and scoring. Even when, with four minutes gone, Trinity resorted to a full court press, Tech was not to be stopped. At the five minute mark, MIT had a comfortable 39-31 lead.

Open Bid Party

Phi Gamma Delta is sponsoring an all-Institute cocktail party from 5 to 6:30 Saturday as a prelude to the Harvard-MIT basketball game. Drinks are at cost. The Phi Gamma Delta house is located at 28 The Fenway in Boston.

But Trinity was not about to hand this game over. They began to nibble at the lead. The

home advantage hovered between four and six points, and with six minutes remaining, it was MIT lead-



The two teams matched shots for the next few minutes, and the score stood at 61-55 with time running out. With the large crowd on its feet, the Trinity five scored four quick points. It was 61-59 with only twentythree seconds left to play.

Tech had the ball and Paarz quickly spotted Burns alone under the basket. The pass was perfect. The ball dropped indicative of the Committee's through the net; spectators and players jumped through the air. It was the biggest triumph in as any other form of cheating, quite a while.

(Continued on page 7)

MIT Student Pacifist Released Earth Sciences Building Is Major Addition

Ground Broken By Stratton and Green

Construction of the new Center for Earth Sciences began Tuesday, when Dr. Julius A. Stratton, President of the MIT Corporation, and Mr. Cecil H. Green turned the first shovelful of earth at the building's site.

The structure will be the first major unit to be erected under the \$66 million Second Century



Photo by Curtiss Wiler '63 Cecil H. Green '23, Earth Science Building benefactor, is shown with his classmate and MIT President "Jay" Stratton as they broke ground for the new center with a two-handled spade Monday afternoon on the West Court (MIT's "West Court" is directly east of the main Institute buildings).

Fund and will house most of the teaching and research done here in the earth sciences.

Expected to be completed in 1962, the Center is the result of a \$6 million gift from Mr. and Mrs. Green. Mr. Green is an alumnus of the MIT class of 1923, who is serving as a Special Term Member of the MIT Corporation. The building was designed by I. M. Pei '39, of I. M. Pei and Associates.

Bid invitations for construction are to be issued before the end of the year and foundation work is to be started in early

Student Expelled For Forging Sticker

sticker.

Entering into this decision was the student's questionable past record at MIT. The judgment of the Faculty Committee on Discipline was that the student displayed a total lack of ethical standards, and that he should be expelled at once and not readmitted.

Recommendation of no readmission is quite rare, and is strong feeling that "forging a parking sticker is just as serious for which similar discipline has prevailed."

Structure Houses Diverse Facilities

In September, 1962, the teaching and research facilities of MIT will be greatly augmented in the fields of geology, geophysics, geochemistry, oceanography, and meteorology when the Center for Earth Sciences is completed.

Unique Design Uses No Inside Columns

The new building will be notable not only for its academic facilities but, also, for its unique design. The structure will have no walls in the conventional sense; instead, the 20-story, 325-foot high building will have an exterior of reinforced structural concrete with no vertical columns or supports inside.

Since there are no intermediate columns, four heavy end columns will support the entire structure. Stair, elevator, and mechanical shafts will be in the ends of the building allowing great flexilibity in interior planning.

Probably the most distinctive structural feature of the building will be its oval windows, which will be shaped to conform to

the stress patterns encountered in its exterior.

The floor structure consists of prestressed concrete joists, 47 feet long and five feet on center, resting on floor high Vierendel trusses, whose webs are hollowed out by the windows. The trusses transmit their loads to the four corner supports and the whole is braced against the wind by the end walls. Except for the entrance lobbies, the ground floor is completely open with land coverage kept to a minimum.

Cast Concrete Exterior

The exterior will be cast architectural concrete which will be lightly sand-blasted to expose some of the stone aggregate. Since most of the present buildings are stone, the Center will be harmonious with the rest of the campus.

Inside, 19 of the 20 floors will be utilized for academic work. On the first floor above ground level a lecture hall seating 250 persons, similar to the auditorium in Compton Building, will be located.

The second floor will be entirely for class work. There will be three large classrooms, three seminar rooms and a student lounge. In addition to elevators, it will be reached from the ground by two stairways.

Three teaching laboratories for the Department of Geology and Geophysics will take up two-thirds of the third floor. The remaining area will be for the storage of the department's rock samples and ores. Laboratories for research and teaching in the fields of Paleontology and in Structural and Historical Geology will comprise the fourth

Experimental Labs

High pressure experimentation work on the phase changes in minerals will be done in the laboratory to be located on the An unidentified MIT student | fifth floor. The Geology machine was expelled from school last shop and faculty offices will also week for forging a parking be there. The sixth floor will hold a teaching laboratory, research facilities, and faculty of is to be built including three fices for Geology.

The Crystallography Laboratory and the Cabot Spectrographic Laboratory will be on the seventh and eighth floors, respectively. Various laboratories including the mass spectroscopy room will be situated on the ninth floor.

With room for 30,000 volumes, the Lindgren Library will serve the entire Center. Located on the eleventh floor, it will also contain the Schwarz map room. Sedimentology, stratigraphy and petroleum geology will be stud-

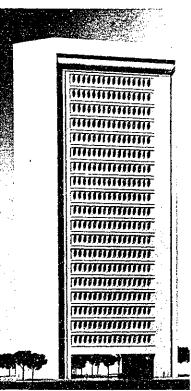


Photo by George Cserna Model of the Center for the Earth Sciences building which is scheduled to be constructed on the East Campus parking lot at MIT with completion in the fall of 1962.

ied on the twelfth floor while geochemistry will be the study on the thirteenth.

Meteorology Studied

The fourteenth floor will be partially concerned with chemical oceanography, the remainder with meteorology, which will also be the subject under study from the fifteenth through the nineteenth floors.

The Headquarters for the Department of Geology and Geophysics and the Headquarters for the Department of Meteorology will be located on the tenth and sixteenth floors, respective-

Air-conditioning and elevator equipment will be housed on the twentieth floor as well as radar transmitters.

On the building's roof a complete meteorological laboratory radar antennae, radiosonde tracking units, and wind instru-

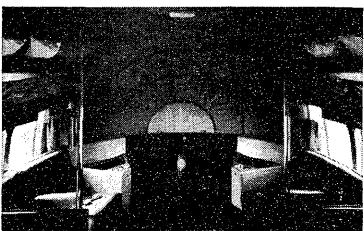
President and Mrs. Julius A. Stratton cordially invite to attend Christmas Open House those students remaining on campus over the holidays Thursday, December 22 111 Memorial Drive Cambridge 4-6 P.M.

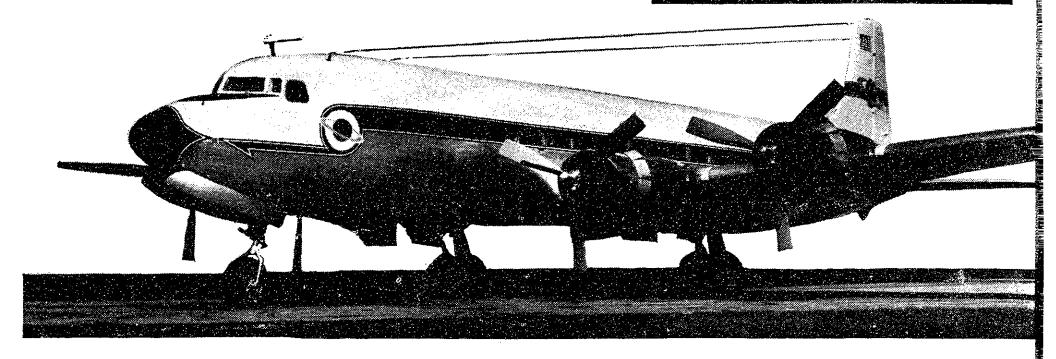
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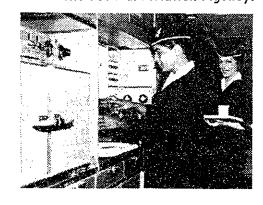


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Contemporary Works Corley Conducts

The MIT Concert Band, conducted by John Corley, chose to make its 1960 debut with a program exceptionally difficult both for them and for the audience. The concert consisted entirely of twentieth-century works for band, none of them widely familiar, and one of them, Sigmond Singer's "Impressions", receiving its premiere performance at this concert. The Concert Band and John Corley are to be congratulated even for attempting such a program, and the large and appreciative audience for coming to hear it.

Happily, the Concert Band did quite well with their difficult assignment, and gratifying gains in intonation and precision were evident. Even the many intricacies of the Schoenberg "Theme and Variations" and the Maloof "Essay for Band" were negotiated successfully.

Composers Maloof and Kazdin were on hand to receive the applause for their works, and Prof. Gregory Tucker, guest artist of the evening, the evening, was properly thanked for his fine-grained contribution in the arduous Starer Piano Concerto.

- Harry W. McCraw '62

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'Volpone' At Kresge Next Week

The MIT Dramashop is presenting Ben Jonson's Elizabethan comedy "VOLPONE" in the original full-length version for its major fall production at 8:30 P.M., December 14th through 17th, in the Little Theatre, Kresge Auditorium.

The Dramashop selection of Ben Jonson's most famous comedy follows in line with their policy to present the MIT public with famous classical plays or unusual productions not often seen on the Broadway stage. In the past MIT has seen Dramashop's productions of such unusual plays as E. E. Cummings' "Him", Pirandello's "Henry IV," Sheridan's "The Rivals", and last spring's highly successful "Othello" which was later televised on Channel V'S "Dateline Boston" program.

Many Favorites Included in Cast

Included in the cast are such Dramashop favorites as Joseph Lestyk, in the title role; Michael Meeker as Sir Politick Would-be; Joan Tolentino as his wife; John Ryon as Bonario; and Solveit Troxel as the beautiful Celia. New to Dramashop's stage are Lane Anderson, in the major role of Mosca and David Perkins as Corvino. Also appearing are Christopher Shaw as Voltore, the lawyer; Richard Hornby as Corbaccio; with Warren Zapol, Robert

Morse, Frank DerSarkisian, Leonard Rubenstein, John Howard, Frances Dyro, Shirley Specter, Geralde Schroeder, Wilson Lamm, Herbert Odom, Nancy Suprenant and Lester Williams.

Beautiful Songs Featured

Several of Jonson's most beautiful songs appear in "Volpone" and have been set with original music by Allen Langord. Robin Anderson is designer of the costumes and James Dorr the sets.

All tickets are \$1.00 and reservations may be made by calling Extension 2902 between the hours of 9 A.M. and 5 P.M. During the noon hours, tickets will also be available at the Dramashop ticket booth in Building 10; at other hours in the office of Kresge Auditorium.

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THE MIT CHORAL SOCIETY presents Bach's CHRISTMAS ORATORIO Klaus Liepmann, conducting orchestra, organ and soloists Catherine Rowe, soprano Eunice Alberts, alto Blake Stern, tenor Donald Sullivan, tenor Paul Matthen, bass Daniel Pinkham, harpsichord Sunday, December 18, 3:00 P.M. Kresge Auditorium MIT Tickets \$3.00 & \$2.00 reserved by mail from Room 14N-236 or UN 4-6900 ext. 3210

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TECH COOP

The Tech

Resolved

The Intramural Council was wise in letting the measure concerning intramural and varsity athletes die for lack of a two-thirds majority. As we have said before in these columns, the removal of all varsity athletes from intramural athletics, even with permission of the coaches allowed as an exception, is too big a step, and one that has implications far beyond the intent of the original proposers.

It is our feeling that coaches of intercollegiate teams both can and should inform their players what intramurals they may or may not participate in. And they should feel free to drop from their squads men who break this rule, just as they would, we are sure, feel free to drop a man who broke training in some other way.

We would like to add that it was most disturbing to us to hear that one of the principal arguments advanced in favor of the measure in question was that it "protects the varsity athletes from his house (or dorm), which would otherwise pressure him into playing". What sort of a spirit is this, which prompts fraternities and others to pressure their varsity athletes into what is substantially an infraction of training rules? This is unfair to both the man and to his varsity team. We fail to see why, especially in the fraternities, where brotherhood gets a high emphasis, individual men should be singled out for the disfavor of the group if they fail to participate, when they have a good reason.

This problem should be attacked at its heart by the fraternities and dorms themselves, however, not by throwing up a barricade of legislation to "protect" individuals. To give substance to this, it would be our recommendation that the Intramural Council pass the following resolu-

"Resolved, that strict adherence to training rules is of the utmost importance to varsity athletes, and that intramural competition should not be regarded by either the athletes or their houses as proper justification for breaking of training rules.'

We would hope that such a resolution, once passed by the IM Council, would be submitted to the various dormitories and fraternities for their approval or disapproval. Let those who would pressure their men to break training rules stand up and be counted.

The Intramural Council did well in not passing the motion before it last Tuesday night, and in opening the meeting to all for discussion. MIT is the better for it.

The Athletic Association can improve on this good performance by recognizing the intent of these who originally proposed the measure, and passing the resolution above. It will clearly define the situation without putting any basic limitations on the traditional freedom MIT students have always held in the realm of athletics and extracurricular activities.

K J 10 2

Morality at M.I.T.

Some people will be surprised to hear that a student not only can be, but has been, permanently expelled from MIT for forging a parking sticker.

It is significant that the student concerned had a "questionable" past record, and that his behavior before the Discipline Committee did not convince that body that he recognized any moral or ethical error in his conduct. We feel that this factor probably weighed heavier than any other in the Committee's collective mind.

Something that is often not realized until too late by MIT students is that the school's administration is rather sensitive on such "moral" issues as possession of a master key, or of an illegally obtained parking sticker. MIT, it may be safely said, is no longer an institution solely for the study of science and engineering. It is gaining increasingly the character of a modern university; implicit in this is a concern — and a responsibility — for student welfare and behavior.

The lesson is clear: one cannot go on "free-wheeling" forever at MIT. Such non-larcenous acts as using the parking lots under false pretenses happen to be punishable just as severely as would be stealing lab equipment - particularly when the attitude of the man involved betrays a lack of concern with the ethics of the situation.

KIBITZER

WE	EST	NORTH
	A 7 4	♠ Q 5
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4	EST A 7 4 10 8 7 3 2 10 5 3 2 7	A Q 6 5 4 3

		Bidding:	
rth	East	South	

North	East	South	West
(Caldwell) (Ross)	(Yohn)	(Berlekamp)
Pass	Pass	1 🌢	Pass
2 4. 3NT	Pass	2NT	Pass
3 N T	Pass	Pass	Pass

Today's hand, taken from the MIT Bridge Club's November Masterpoint Tournament, provides an exception to the generally sound policy of attempting to set up dummy's long suit at no trump contracts.

to table, but only two conservative pairs failed to reach the 3NT contract. Most pairs bidding the Goren system got there by the sequence shown above. The 3 of hearts was usually the opening lead and a good part of declarer's fate rested on his luck in guessing the heart situation correctly. Many declarers understandably played which was covered by the Q and a heart to declarer's 9. It was South then attempted to bring clarer to drive out the diamond in dummy's club suit with a A and establish 2 diamonds, 3 finesse of the Q. This play was spades, 3 hearts, and a club for almost certain to lose no matter how the East-West cards

lay, but with them in the position they actually were, South was punished severely. East won the club K and returned the J, driving out dummy's A. Dummy's diamond J was won by East, who cashed two clubs and exited with a heart. South finessed the 9 and lost to West's 10. West then returned a heart later got the lead with and the spade A to cash 2 more heart tricks for a 3 trick set.

Another declarer was able to The bidding varied from table make the hand in spite of a misguess on the first trick. Realizing the danger of the enemy heart suit, he promptly led spades to drive out the entry of the dangerous opponent. Fortunately West held the spade A and East the diamond A, not vice versa. When West won the second round of spades, he had the opportunity to set the contract by leading his singleton dummy's J on the first trick, club, but instead he returned won with the A. One misguided then a simple matter for de-9 tricks and the contract.

— Elwyn R. Berlekamp, '62

The Tech

Vol. LXXX, No. 37 December 9, 1960

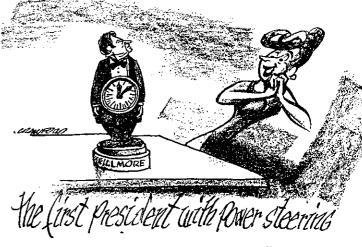
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'I Was a Teen-age Dwarf Loves of Dobie Gillis", etc.)

'TIS THE SEASON TO BE JOLLY

If you have been reading this column-and I hope you have; I mean I genuinely and sincerely hope so; I mean it does not profit me one farthing whether you read this column or not; I mean I am paid every week by the makers of Marlboro and my stipend is not altered in any particular by the number of people who read or fail to read this column—an act of generosity totally typical, you would say, if you knew the makers of Marlboro as I know the makers of Marlboro; I mean here are tobacconists gray at the temples and full of honors who approach their art as ingenuously, as eagerly, as trustingly as the youngest and most innocent of practitioners; I mean the purpose of the Mariboro makers is simply to put the best of all possible filters behind the best of all possible tobaccos and then go, head high, into the market place with their product, confident that the inborn sense of right and wrong, of good and bad, of shoddy and meritorious, which is the birthright of every American, will result in a modest return to themselves for their long hours and dedicated labors-not, let me hasten to add, that money is of prime consideration to the makers of Marlboro; all these simple men require is plain, nourishing food, plenty of Marlboros, and the knowledge they have scattered a bit of sunshine into the lives of smokers everywhere; if, I say, you have been reading this column, you may remember that last week we started a discussion of what to give our friends for Christmas.



We agreed, of course, to give cartons of Marlboro to everyone we know or would like to know. Today let us look into some other welcome gifts.

Do you know someone who is interested in American history? If so, he will surely appreciate a statuette of Millard Fillmore with a clock in the stomach. (Mr. Fillmore, incidentally, was the only American president with a clock in his stomach. James K. Polk had a stemwinder in his head and William Henry Harrison chimed the quarter-hour, but only Mr. Fillmore, of all our chief executives, had a clock in his stomach. Franklin Pierce had a sweep second hand and Zachary Taylor had seventeen jewels and Martin Van Buren ticked, but, I repeat, Mr. Fillmore, and Mr. Fillmore alone, had a clock in his stomach. Some say that Mr. Fillmore was also the first president with power steering, but most historians assign this distinction to Chester A. Arthur. However, it has been established beyond a doubt that Mr. Fillmore was the first president with central heating. No wonder they called him Old Hickory!)

But I digress. To get back to welcome and unusual Christmas gifts, here's one that's sure to please—a gift certificate from the American Chiropractic Society. Accompanying each certificate is this fetching little poem:

Merry Christmas, Happy New Year, Joyous sacro-iliac! May your spine forever shine, Blessings on your aching back. May your lumbar ne'er grow number, May your backbone ne'er dislodge, May your caudal never dawdle, Joyeux Noel! Heureux massage!

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And greetings of the season from Marlboro's newest partner in pleasure, the unfiltered, all-new, king-size Philip Morris Commander. At Yuletide, at any tide, welcome aboard!

THE BRIGHTEST COMEDY THIS YEAR! -- NYTIMES



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still chuckling at the bawdy slapstick they have seen, but the

perceptive playgoer feels that something important has been left out. "Waiting For Godot" is too complex to be as meaningless as this production would indicate.

When staging a play, a director has the opportunity to promulgate his own ideas by vivifying those points in the play that -0 he likes and de-emphasizing those that he disagrees with. Michael Murray is a capable director; his facile use of the Charles' theatrein-the round stage without blocking anyone's view indicates this. Unfortunately, either he disagrees with Samuel Beckett entirely, or he did not understand the play, because the intellectual content is completely de-emphasized.

The audience at the Charles Playhouse leaves the theatre

Intellectually, this play, a tragicomedy according to Beckett, shows the absurdity of modern man's search for salvation. Two tramps, Gogo and Didi, sit by the side of a road waiting for Godot (God), who will, they hope, save them, although they are on not sure exactly what from. Gogo and Didi do not realize that they, symbolic of the dual sensual and intellectual nature of man, have it within themselves to be saved, as interchanging the syllables of their names indicates. Nothing happens, except for an encounter with Pozzo and his haltered servant Lucky, again symbolic of the dual nature of man. Lucky is tied to Pozzo and does his bidding while leading him because, to Beckett, this is the relationship of the intellect to the senses. Lucky's speech-thoughtdream is an indication of the inability of the intellect to cope with the problems of God and death. Pozzo and Lucky are lost, in all senses of the word, in the second act because they tried to find something. Gogo and Didi are not saved, but at least, by inaction they manage to be no worse off than before. The boy, possibly the Christ child, who comes to tell them that Godot is not coming, but may come tomorrow, is as elusive as Godot because he too is a figment of their imaginations and a projection of themselves.

In several places, in this production, Beckett's stage directions arges off at Vladimir's first approach g tag before he exits. This bit is de-

> signed, by Beckett, to show the boy's elusiveness and give an inkling of his unreal nature. Gogo and Didi fail to show the significance of the word "critic" at the end of the round of insults in the second act. This is really the ultimate insult, for, in reality, the tramps are critics who comment upon without joining the actions, if any, around them. None of the actors make any use of timing. By speeding the short exchanges between Gogo and Didi and lengthening the pauses between these exchanges, the director could both gain humor and accentuate the essential boredom and desperate futility of the situation. At times, all of the acts are handicapped by their inability to express a subtle change of emotion with the tone of their

> However, as slapstick, "Godot" goes over very well. Mickey Deems, who is featured, is an accomplished comedian. He blunders about the stage like a younger Ed Wynn, and can appear as pompous as Ollie Hardy or as woebegone as Stan Laurel. Dan Morgan, as Didi, is not as versatile, but performs capably, especially in the second act. The most noteworthy of the minor characters is Luois Negin as Lucky. Although he has only one speech, that speech is the most significant in the play. Negin knows it and Pive the hysterical, frantic reading it deserves. In the second act, the tree, the cross, bears leaves to indicate weeping at the fate of man. In this production, it might be weeping at the fate of the author's idea.

- Allen S. Krieger '62

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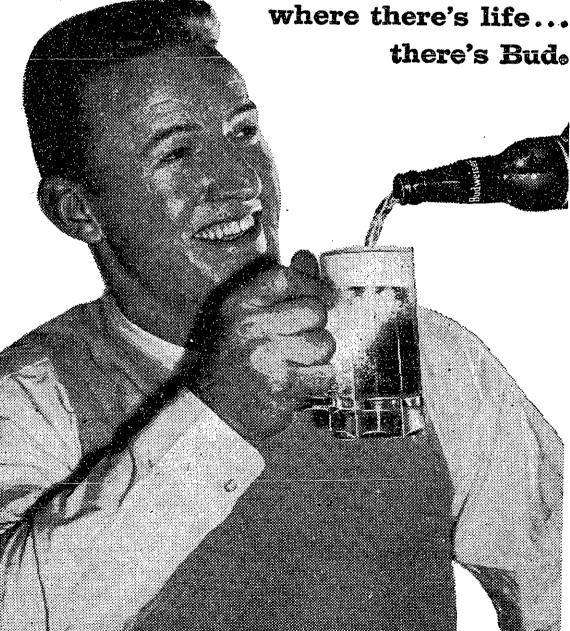
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Wesleyan Under Lights

First Hockey Game Tomorrow

A dozen returning lettermen will enhance the chances of success for Tech's varsity hockey team, which opens its twelvegame season tomorrow on the Briggs Field ice at 7 P.M. The opponent, Wesleyan, bowed to MIT last year, 3-2. For the first time in recent years coach Ben Martin has the services of two goalies, John Costello '62 and Tim O'Brien '62. In the past it has often been hard to find just one competent net-minder.

Three Juniors on Defense The defense will be led by three juniors, Bogey Salmon, Tom Sheahen and John Rollwagen, and one senior, Henry Schleinitz. All saw extensive service on last year's squad, which compiled a 3-8 record. Six of the lettermen skate at forward, and the four seniors and two juniors should be enough to provide an experienced line on the ice all the time. The senior forwards are captain Erik Salbu, John Rupert, Bob Rein and Bill Scanlon. Juniors are Steve Levy and Francis Berlandi.

Sophs in Force

Up from last year's freshman team are Mike Denny, Bill Vachon, Tony Weikel, Jim Holcraft, Bill Wolf and Ted Cohn. Help is also expected from transfer student Mal McMillan

The second home game will be with Colgate next Thursday, two days after a trip to New Hampshire. Another away game remains before vacation.

New Scraper on Display In a major effort to improve the conditions of the ice, a combination scraper-resurfacercleaner, akin to that used on professional rinks, will be pressed into service.

On Deck

Today, December 9 Squash with Adelphi 7 P.M. Fomorrow, December 10 Basketball at Harvard (V&F) Fencing at Columbia Hockey with Wesleyan 7 P.M. Rifle at Maine, N. Hampshire Swimming at Bowdoin (V&F) Track with Boston College (V&F) Wrestling with Wesleyan (V&F) 2 and 3:30 P.M.

Tuesday, December 13 Basketball at WPI (V&F) Hockey at N. Hampshire

Wednesday, December 14 Fencing with Harvard

Squash with Harvard 7 P.M. Squash (F) at Harvard Swimming (F) with Boston Latin

Thursday, December 15 Basketball with Bowdoin (F&V) 6:15 and 8:15 P.M. Hockey with Colgate 7 P.M.

Wrestling with

Track Team Opens Its Winter Season In Cage Tomorrow

Boston College and Harvard provide the pre-Christmas competition for the indoor track team. Both varsity and frosh face the Eagles tomorrow afternoon at Rockwell Cage at 1 P.M. and then travel to Harvard on Wednesday.

The varsity squad shows depth in all events except the dash and broad jump where cocaptain Don Morrison '61 is slated for double duty, in addition to pole vaulting. Letterman Joe Davis '61 returns to lead the hurdlers and high jumpers, aided by timbertoppers Forrest Green '63, Steve Hester '63, and Joe Crowley '62 and high jumper Glen Books '63. Bob Wrathall '62 rounds out the sprinters' contingent.

Co-captain George Withbroe '61 is expected to pace the middle distance men, supported by Larry Coppola '62, Rick Queeney '62, John Murdeck '63, and Harry Demetrious '63 in the 600-yard run and Steve Banks '62 and Steve White '62 in the 1000. A quartet of cross country veterans will provide strength in the distance runs: Tom Goddard '63 will head the milers with Herb Grieves '61, Paul Robertson '61, and Roger Hinrichs '63 striding the two-mile.

Ray Landis '62 brings scoring punch to the weight throws and should be helped by Al Ramo '63, Dick Gottwald '63, Paul Berger '63, and Jack Lynch '63. Bob Purdy '63 and Bill Graham '63 will aid Morrison in the pole vault.

Harvard, Norwich **Bow To Shooters**

The riflle team added two more victories to its record over the weekend by defeating Harvard and Norwich University in matches at the Tech range. On Friday evening Harvard was overwhelmed, 1422 to 1364. High scorers for the Tech squad were Bob Clark '63 and Steve Smith '62 each with 287, and Richard Ludeman '63 with 285.

Saturday the team posted its highest score of the season as Williams College 7:30 P.M. Norwich was defeated, 1429 to Wrestling (F) with Harvard 1402. Clark and Smith again 6 P.M. turned in outstanding scores with 292 and 291 respe

Swimmers Jar Tufts In Opening Meet Here

Sparked by eight returning lettermen, the varsity swimming team got off to a good start Wednesday, downing Tufts, 71-24. Although weak in the 50 and 100 yard races, the Techmen dominated elsewhere, taking the top two places in all other events. The Tech frosh also won, 67-23.

The swimmers will compete at Bowdoin tomorrow, and do not see further action until after the vacation. Home meets against Coast Guard and Wesleyan are scheduled early in January.

Interest High For Harvard Game Tomorrow

(Continued from page 1) and Burns each had 17 points, The regulars went out to a for 33 from the foul line (Gronfollowed by Koch with 16 and Paarz, 13. Outstanding on defense was Phil Robinson who managed to hold Trinity's highscoring Bill Norman to a mere six points.

Climax Wednesday

The team was ready for the high-flying Northeastern Huskies Wednesday. Although the visitors ran away to an 8-0 lead after three minutes, the Techmen rallied. Robinson's jump shot made it 10-7 Northeastern at the five minute mark. But Husky Pete Ducey poured in a couple of shots and the men from Boston raced to a 19-10 lead midway in the first half. Gamble scored on two push shots. Dave Koch hooked right, hooked left, faded away and scored six quick points.

With four minutes remaining in the half, Kent Groninger '63 swished a foul shot and it was all even at 21-21. Seconds later, Burns scored on two foul shots, MIT was ahead. Koch's two foul shots with two and one-half minutes left put Tech in front for good. It was a 33-28 lead as the buzzer ended the first half.

Tech Ups Margin

The Engineers pulled away as Paarz and Koch hit. Koch and Tom Burns were having very good success in blocking Northeastern shots. Never were Coach Barry's boys ahead by less than four points, and with six minutes remaining, they held a commanding 58-47 lead. Gamble's fifteen foot push shot with

Matmen Annex 2nd Meet; Top Harvard Wed. By 16-11

By Chris Ritz '64

A pin by John Sullivan '61 in the 157-lb class, coupled with wins by co-captain Andy Bulfer '61, Greg Brown '62 and Mike Williams '63 managed to reverse last year's wrestling defeat by the men of John Harvard. The Techmen, on home mats Wednesday, won 16-11.

Harvard took the lead after the first 3 matches, when Nick Estabrook defeated Jim Evans '63 in the 137-lb class. MIT tied the meet when Greg Brown '62 scored a 5-2 decision in the 147-lb class.

Then with a 6-6 score, and one second to go in the 2nd round of the 5th match, Sullivan scored his dramatic 5-point pin. Ernie Edmunson (H) and Paul Olmstead '62 fought to a draw in the 167-lb class, and Williams sewed it up when he defeated Paul Scnitz (H) 9-2 in the lightheavyweight class. Gordon Grant unlimited bout for Harvard.

MIT 16 - HARVARD 11

123: Andy Bulfer (MIT) defeated Ed Grietzer (H), 3-2; 130: George Doub (H) defeated Dave Latham '61 (MIT), 4-2; 137: Nick Estabrook (H) defeated Jim Evans (MIT), 3-0; 147: Greg Brown (MIT) defeated Steve Astor (H), 5-2; 157: John Sullivan (MIT) pinned John Gibson (H) at 5:59; 167: Paul Olmstead (MIT) and Ernie Edmunson fought to a 3-3 draw; 177: Mike Williams (MIT) defeated Paul Scnitz (H), 9-2; UNL: Gordon Grant (H) defeated Joe LaPrade '62 (MIT),

the fact that Coach Barry's team had amazingly won its second game in a row against rough competition.

Tech won the game from the free-throw line. Coach Barry had emphasized foul shot practice during the week and it paid dividends. Tech's driving caused

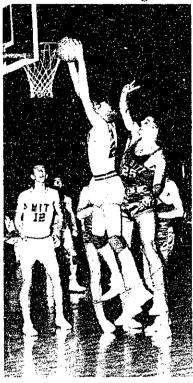


Photo by Allan Rosenberg '63 MIT's Dave Koch snares a rebound in the Trinity contest last Saturday; Tom Burns (12) looks on.

a minute and one-half left put the Huskies to commit a large For the Engineers, Gamble the frosting on the cake, 71-58. number of fouls. MIT was 25 rousing hand, and although the inger 7 for 7, Koch 9 for 10) Huskies did score eight straight while Northeastern was successpoints, it could not detract from ful on only 12 of their 22 at-

Koch Paces Scorers

High scorer for the Engineers was Koch with 23 points. Gamble had 12 and Paarz 11. Everyone did yeoman work on defense. Burns pulled down thirteen rebounds and Koch twelve.

The team got a good workout in losing to Bates. Undoubtedly, Coach Barry detected the flaws in the Tech attack, and the team showed marked improvement in the following games. Koch led the scoring in the Bates game. He had 25, eight more than teammate Burns.

Hoop Happenings: John Barry's fellow New England coaches voted him the "Coach-of-the Week" for Tech's victory over Trinity. With more showings like the last two, he'll have a monopoly on the honor. . . Dave Koch is leading the Greater Boston area in scoring. He has 64 points in the first three games. . . . Burns is leading the area in rebounds with 45. Koch is close behind with 38. ... Bill Koch's short tussle with Northeastern's 205 lb. center Ward Sears may have Archie Moore's manager scouting our next game. . . . The first three games had numerous and vociferous spectators. Very encouraging. . . . The Tech five takes on Harvard in an away game tomorrow night at eight. It could happen.

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How They Did

Wrestling
MIT 16 Harvard 11
MIT 26 Tufts 10
Rifle
MIT 1422 Harvard 1364
MIT 1429 Norwich 1402

Basketball
Bates 74 MIT 62
MIT 63 Trinity 59
MIT 71 Northeaston 66

MIT 71 Northeastern 66 Squash Dartmouth 6 MIT 3

Fencing
MIT 14, Bradford Durfee 13
Swimming

MIT 71 Tufts 24

Fencers Cop 1st Match

The varsity fencing team made its debut last Saturday and came away with a shaky one point victory, 14-13, over Bradford Durfee. Sabre Dan Dilworth '61 paced the victors in the du Pont Athletic Center, winning his three matches. The fencers meet Columbia at New York tomorrow.

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